

**ABSTRACT OF THE DISCLOSURE**

A simplified reticle removal system used with an electron beam system. The simplified reticle removal system includes a reticle chamber having an angled opening and a maintenance panel removably or pivotably attached thereto. The angled opening provides access to a reticle stage housed within the reticle chamber. The angled opening further permits removal of the reticle stage from the reticle chamber without having to disassemble and remove the optics system of the electron beam system. This reduces maintenance and repair costs, as well as reduces down time of the electron beam system.